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Government of the Province of Alberta

ANNUAL REPORT

of the

Fire Commissioner

1966

Department of the Provincial Secretary

By Direction of the
Honourable A. Holowach
Provincial Secretary of Alberta





Government of the Province of Alberta
Department of the Provincial Secretary

the

ANNUAL REPORT

of the

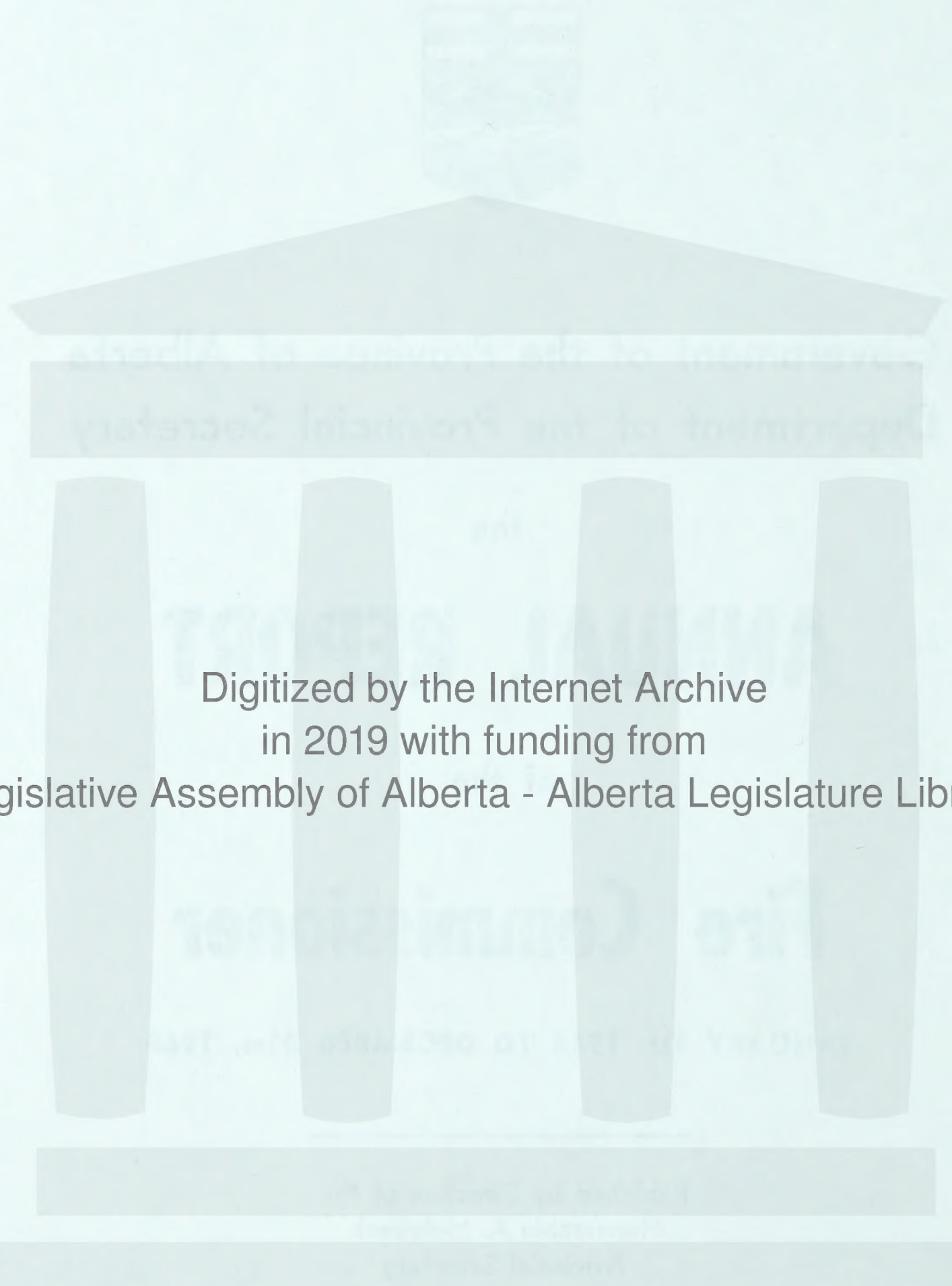
Fire Commissioner

JANUARY 1st, 1966 TO DECEMBER 31st, 1966

Published by Direction of the
Honourable A. Holowach
Provincial Secretary

Edmonton, Alberta

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GOVERNMENT OF THE PROVINCE OF ALBERTA
DEPARTMENT OF THE PROVINCIAL SECRETARY
OFFICE OF THE FIRE COMMISSIONER

Edmonton, Alberta

May 30, 1967

To: THE HONOURABLE A. HOLOWACH
Provincial Secretary of Alberta
Edmonton, Alberta

Dear Sir:

Pursuant to the provisions of The Fire Prevention Act, I have the honour to submit the forty-seventh Annual Report of The Fire Commissioner for the calendar year 1966.

1. The format of this report is similar to that of previous reports in order that comparisons may be made. It will be noted that property losses in 1966 are the highest on record. The loss of life from fire totalled 39 which was slightly higher than the year before. This branch, therefore, must continue to strive for more private and public attention to fire prevention and fire protection services.
2. The review of the last five years' property fire loss record in table 2 shows that there was an average yearly fire loss of \$10,826,818. The 1966 property fire loss was 11 per cent above the five year average. The significant feature of fire loss trends is that they appear to increase progressively. We find not only higher fire losses year by year but also very high related costs such as, investment in fire protection building features to protect occupants and the structure, very costly public fire protection equipment and services, the cost of fire insurance protection and many other items. A more intensive public information program dealing with the cost of fire would seem to be necessary to focus attention to this problem. The problem does not appear to be a new one but it seems difficult to channel the necessary private and public investment into fire protection equipment and services.
3. The fire loss increased over the previous year in classes of property as shown in table 6 was as follows:
 - (a) DWELLINGS 83 less fires — \$395,989 more loss;
 - (b) FARM PROPERTY 28 more fires — \$329,770 more loss;
 - (c) CHURCHES 5 less fires — \$376,416 more loss;
 - (d) SCHOOLS 11 more fires — \$339,250 more loss;
 - (e) WAREHOUSES 9 more fires — \$30,606 more loss;
 - (f) RETAIL STORES 4 less fires — \$973,130 more loss;
 - (g) OIL RISKS 32 less fires — \$376,436 more loss;

All other categories of property had losses similar to or less than the previous year. The largest fire loss occurred in a retail business premises in Calgary destroying over ½ million dollars worth of property. Fires where the loss exceeded \$10,000 increased by 32 over 1965. 206 large fire losses account for 66 per cent of the total loss. RESIDENTIAL, RETAIL STORES, MISCELLANEOUS NON-MANUFACTURING, OIL RISKS, in order were the highest fire loss property classes. More frequent fire inspections and more fire control management could reduce these losses.

4. The fire cause classes shows in table 7 a continuation of the previous years' trends. SMOKERS' CARELESSNESS is the most prevalent cause and ELECTRICITY, PETROLEUM PRODUCTS, STOVES AND CHIMNEYS, falling in that order are the next most frequent causes. HEATING EQUIPMENT using liquid fuel causes the greatest damage of all types of heating equipment indicating that more frequent servicing is required for oil burning equipment. All types of heating equipment require frequent inspection and maintenance. Welders and other trades torches are the highest fire loss cause in the table for miscellaneous causes, therefore, more control will be requested by regulation under The Fire Prevention Act.
5. The three specific services provided by this branch are fire inspection services, fire investigation services and fire fighting instruction services.
 - (a) The fire inspection services under the general supervision of the Deputy Fire Commissioner includes building fire inspections, ordering the remedy of hazardous conditions, checking plans, conducting evacuation drills, conducting fire inquiries and other special activities as recorded in table 13.
 - (b) Investigation of suspicious fires is a specialized service under a senior inspector acting as the chief of the investigation division. This division works closely with police forces and maintains a provincial registry of arson cases and records connected therewith. Incendiary fires totalled 245 but in all 413 fires were investigated and recorded by this division. The careful investigation of all suspicious fires is considered to be the most effective deterrent against the most serious crime of arson. Full details of the fire investigation services are contained in table 12.
 - (c) Fire fighting training is under the direction of a senior inspector operating as chief of the fire services division. In addition to the service of traveling instructors of the office who visit fire departments to inspect equipment and to assist in local meetings and fire department projects, more formal fire fighting schooling is conducted at the Fire Commissioner's Provincial Fire Training School. New equipment was added and a modern fire training tower was built in 1966 at the Vermilion Vocational and Agricultural College. During 1967 an administration building will be constructed at the fire training grounds. The Provincial Fire Training School offers one week courses in fire department administration (3 parts), a pump operators course, and a fire inspection practices course. During 1966 there were six schools held at Vermilion at which 126 fire officers were instructed.
6. The Fire Commissioner's Office maintains close liaison with the Alberta Provincial Fire Chiefs Association and the Alberta Fire Protection Association. On the larger Canadian scene, the Fire Commissioner and the Deputy Fire Commissioner serve on committees of the Canadian Standards Association, the National Fire Protection Association and the Association of Canadian Fire Marshals and Fire Commissioners. The Fire Commissioner attended the annual meeting of the ACFM/FC at Vancouver, British Columbia. As Emergency Fire Services Co-ordinator, the Fire Commissioner lectured at E.M.O. courses, attended exercises and continued the planning and training program with E.M.O. fire training equipment and staff. Special projects with the Alberta fire departments for 1966 included regional hose laying competitions at which the M. J. Bedard Memorial Trophies were presented; and The Fire Prevention Week Contest. Results of the contest were highly successful in that Alberta had two Canadian population class winners, the Town of Taber winner in Class "E" and the Village of Carstairs winner of Class "F". The Province of Alberta received special recognition for the ninth consecutive year for a provincial program report and for the large number of participating communities.
7. Rural fire protection is growing steadily and there are now 64 fire pumpers serving rural community areas. There are 11 counties and M.D.'s fully protected and another 20 partially protected. Table 11 shows that 7 counties and M.D.'s have losses less than \$10,000. This record will form the basis for study of rural fire protection insurance rating.

8. The work and fire control involves our branch with many government agencies, institutions, companies and individuals. We endeavour at all times to enlarge the community of fire protection minded men and women. We wish to acknowledge the valuable support and effective work of all municipal councils and the Royal Canadian Mounted Police, all municipal police forces, insurance adjusters and the Fire Underwriters' Investigation Bureau; added to this we take pleasure in commending the very effective work of all fire departments whose training and technical skills continue to fill the breach wherever property fire protection equipment and supervision fails.
9. In conclusion Sir, I am pleased to report that prompt, efficient, courteous and faithful discharge of duties of all members of my staff has made possible the maximum of service to the public.

Respectfully submitted,

AUSTIN BRIDGES

Fire Commissioner.

Table No. 1
A COMPARISON OF THE MONTHLY LOSSES IN 1965 AND 1966

Month	1965		1966	
	No. of Fires	Loss	No. of Fires	Loss
January	570	\$1,141,113	678	\$ 2,321,401
February	487	947,904	478	1,288,969
March	493	874,212	497	1,184,900
April	518	1,398,832	499	1,027,393
May	578	767,751	579	951,546
June	505	679,644	451	735,423
July	566	798,731	512	702,334
August	465	652,840	501	673,159
September	384	425,221	444	607,472
October	584	1,058,956	448	497,154
November	470	637,672	408	1,138,505
December	490	614,447	413	877,602
	<u>6,110</u>	<u>\$9,997,323</u>	<u>5,908</u>	<u>\$12,005,858</u>

Table No. 2
COMPARISON OF YEARLY LOSSES FROM JANUARY 1st, 1957 TO DECEMBER 31st, 1966

Calendar Year	No. of Fires	Property Loss	No. of Deaths	Per Capita
1957	2,980	6,532,451	39	5.68
1958	4,186	6,490,742	38	5.40
1959	4,674	7,102,221	46	5.69
1960	4,658	7,630,695	41	5.83
1961	5,431	8,674,795	52	6.45
1962	5,723	10,756,397	49	7.78
1963	6,135	9,813,646	42	6.94
1964	6,136	11,560,866	71	8.03
1965	6,110	9,997,323	36	6.83
1966	5,908	12,005,858	39	8.20
TOTAL	<u>51,941</u>	<u>\$90,564,994</u>	<u>453</u>	

Population (1966)* 1,463,368 Per Capita Loss (1966) 8.20

*1966 Population figures based on Municipal Affairs Report for 1966.

Table No. 3
(Reference to Table No. 6)

CLASSIFICATION AND CAUSE OF PROPERTY LOSS IN 1966

Property	Cause	No. of Fires
DWELLINGS, APARTMENTS, THEIR GARAGES AND OUTBUILDINGS — EXCLUDING FARMS		
(α) Brick — Protected		
	Smoking (Cigarettes, cigars, pipes, matches)	39
	Miscellaneous causes of fire	17
	Unknown causes of fire	8
	Electricity	6
	Matches (other than smokers' carelessness)	3
	Lights (other than electric)	2
	Stoves, Furnaces, Boilers and their Pipes	1
	Hot ashes, coals and open fires and incinerators	1
	Exposure fires	1
	Petroleum and its products	1

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Table No. 3 (Continued)

Property	Cause	No. of Fires
(b) Frame — Protected		
	Smoking (Cigarettes, cigars, pipes, matches)	1,118
	Miscellaneous causes of fire	723
	Unknown causes of fire	284
	Electricity	228
	Matches (other than smokers' carelessness)	149
	Stoves, Furnaces, Boilers and their Pipes	80
	Hot ashes, coals and open fires and incinerators	68
	Petroleum and its products	68
	Lights (other than electric)	50
	Incendiarism	50
	Lightning (unrodded buildings)	29
	Exposure fires	21
	Spontaneous ignition	9
	Chimneys, Flues (overheated and defective)	9
	Sparks on roofs	4
		<hr/> 2,890
(c) Frame — Unprotected		
	Unknown causes	19
	Miscellaneous causes of fire	19
	Smoking (Cigarettes, cigars, pipes, matches)	18
	Electricity	15
	Stoves, Furnaces, Boilers and their Pipes	10
	Incendiarism	7
	Lightning (unrodded buildings)	7
	Petroleum and its products	6
	Hot ashes, coals and open fires and incinerators	5
	Matches (other than smokers' carelessness)	4
	Lights (other than electric)	3
	Spontaneous ignition	3
	Chimneys, Flues (overheated and defective)	2
	Exposure fires	1
		<hr/> 119
FARM PROPERTY		
		Dwelling Other
	Unknown causes	120 87
	Stoves, Furnaces, Boilers and their Pipes	51 15
	Electricity	32 32
	Miscellaneous causes	37 20
	Hot ashes, coals and open fires and incinerators	14 33
	Lightning (unrodded buildings)	32 17
	Smoking (Cigarettes, cigars pipes and matches)	34 6
	Chimneys, Flues (overheated and defective)	28 5
	Matches (other than smokers' carelessness)	14 11
	Petroleum and its products	13 9
	Incendiarism	10 4
	Spontaneous ignition	5 7
	Exposure fires	2 2
	Sparks on roofs	2 —
	Lights (other than electric)	2 —
		<hr/> 396 248
CHURCHES		
	Unknown causes	8
	Electricity	3

Table No. 3 (Continued)

Property	Cause	No. of Fires
CHURCHES (Continued)		
	Incendiarism	3
	Stoves, Furnaces, Boilers and their Pipes	2
	Miscellaneous causes	2
	Hot ashes, coals and open fires and incinerators	1
	Smoking (Cigarettes, cigars, pipes and matches)	1
	Lightning (unrodded buildings)	1
	Spontaneous ignition	1
		<hr/> 22
HOSPITALS AND SANATORIA		
	Smoking (Cigarettes, cigars, pipes and matches)	3
	Unknown causes	3
	Miscellaneous causes	2
	Electricity	1
	Lightning (unrodded buildings)	1
	Incendarism	1
		<hr/> 11
PUBLIC HALLS, COMMUNITY HALLS		
	Smoking (Cigarettes, cigars, pipes and matches)	2
	Miscellaneous causes	2
	Electricity	1
	Incendiarism	1
		<hr/> 6
SCHOOLS AND INSTITUTIONS — EDUCATIONAL		
	Unknown causes	4
	Miscellaneous causes	4
	Incendiarism	4
	Smoking (Cigarettes, cigars, pipes and matches)	4
	Lights (other than smokers' carelessness)	2
	Electricity	2
	Stoves, Furnaces, Boilers and their Pipes	1
	Hot ashes, coals and open fires and incinerators	1
	Lightning (unrodded buildings)	1
	Petroleum and its products	1
		<hr/> 24
OTHER INSTITUTIONAL BUILDINGS		
	Stoves, Furnaces, Boilers and their Pipes	3
	Smoking (Cigarettes, cigars, pipes and matches)	3
	Unknown causes	3
	Electricity	2
	Incendiarism	2
	Chimneys, Flues (overheated and defective)	1
	Hot ashes, coals and open fires and incinerators	1
	Matches (other than smokers' carelessness)	1
	Petroleum and its products	1
	Miscellaneous causes	1
		<hr/> 18
WAREHOUSES		
	Unknown causes	14
	Miscellaneous causes	4

Table No. 3 (Continued)

Property	Cause	No. of Fires
WAREHOUSES (Continued)		
	Hot ashes, coals and open fires and incinerators	3
	Incendiarism	3
	Smoking (Cigarettes, cigars, pipes and matches)	2
	Matches (other than smokers' carelessness)	2
	Spontaneous ignition	2
	Stoves, Furnaces, Boilers and their Pipes	1
	Exposure fires	1
	Lightning (unrodded buildings)	1
	Petroleum and its products	1
		<hr/> 34
RETAIL STORES AND CONTENTS		
	Unknown causes	40
	Smoking (Cigarettes, cigars, pipes and matches)	23
	Electricity	20
	Exposure fires	15
	Miscellaneous causes	15
	Stoves, Furnaces, Boilers and their Pipes	12
	Incendiarism	7
	Hot ashes, coals and open fires and incinerators	7
	Petroleum and its products	4
	Matches (other than smokers' carelessness)	3
	Chimneys, Flues (overheated and defective)	2
	Lightning (unrodded buildings)	2
	Sparks on roofs	1
		<hr/> 151
HOTELS AND CONTENTS		
	Smoking (Cigarettes, cigars, pipes and matches)	53
	Miscellaneous causes	17
	Unknown causes	10
	Stoves, Furnaces, Boilers and their Pipes	3
	Electricity	2
	Lightning (unrodded buildings)	2
	Petroleum and its products	2
	Incendiarism	2
	Chimneys, Flues (overheated and defective)	1
	Exposure fires	1
	Matches (other than smokers' carelessness)	1
		<hr/> 94
FOOD PLANTS AND DISTILLERIES		
	Miscellaneous causes	4
	Electricity	3
	Unknown causes	3
	Stoves, Furnaces, Boilers and their Pipes	2
	Petroleum and its products	2
	Chimneys, Flues (overheated and defective)	1
	Hot ashes, coals and open fires and incinerators	1
	Lightning (unrodded buildings)	1
		<hr/> 17
FLOUR MILLS AND GRAIN ELEVATORS		
	Unknown causes	3
	Miscellaneous causes	2

Table No. 3 (Continued)

Property	Cause	No. of Fires
FLOUR MILLS AND GRAIN ELEVATORS (Continued)		
	Hot ashes, coals and open fires and incinerators	1
	Lightning (unrodded buildings)	1
	Incendiarism	1
		<hr/> 8
OIL PROPERTY AND OIL TANKS		
	Petroleum and its products	35
	Unknown causes	18
	Miscellaneous causes	7
	Electricity	7
	Lightning (unrodded buildings)	5
	Hot ashes, coals and open fires and incinerators	2
	Stoves, Furnaces, Boilers and their Pipes	1
	Smoking (Cigarettes, cigars, pipes and matches)	1
	Incendiarism	1
		<hr/> 77
SAW AND SHINGLE MILLS		
	Electricity	1
	Petroleum and its products	1
	Unknown causes	1
		<hr/> 3
LUMBER YARDS		
	Unknown causes	4
	Electricity	2
	Hot ashes, coals and open fires and incinerators	1
		<hr/> 7
WOODWORKERS		
	Unknown causes	2
		<hr/> 2
METAL WORKERS		
	Petroleum and its products	12
	Unknown causes	8
	Miscellaneous causes	7
	Stoves, Furnaces, Boilers and their Pipes	4
	Electricity	4
	Exposure fires	3
	Incendiarism	3
	Lightning (unrodded buildings)	2
	Smoking (Cigarettes, cigars, pipes and matches)	1
	Matches (other than smokers' carelessness)	1
	Spontaneous ignition	1
		<hr/> 46

Table No. 3 (Continued)

Property	Cause	No. of Fires
MINING PROPERTY		
	Stoves, Furnaces, Boilers and their Pipes	1
	Electricity	1
	Miscellaneous causes	1
		<hr/> 3
RAILWAY PROPERTY — LIGHT AND POWER PLANTS		
	Electricity	4
	Unknown causes	3
	Lightning (unrodded buildings)	1
	Petroleum and its products	1
	Incendiarism	1
	Miscellaneous causes	1
		<hr/> 11
MISCELLANEOUS MANUFACTURING PREMISES		
	Miscellaneous causes	9
	Unknown causes	6
	Electricity	3
	Spontaneous ignition	2
	Petroleum and its products	2
		<hr/> 22
MISCELLANEOUS NON-MANUFACTURING PREMISES		
	Miscellaneous causes	23
	Unknown causes	22
	Smoking (Cigarettes, cigars, pipes and matches)	14
	Electricity	14
	Petroleum and its products	12
	Incendiarism	11
	Stoves, Furnaces, Boilers and their Pipes	5
	Lightning (unrodded buildings)	3
	Hot ashes, coals and open fires and incinerators	3
	Exposure fires	2
	Matches (other than smokers' carelessness)	2
		<hr/> 111
PROPERTY OTHER THAN BUILDINGS		
	Electricity	422
	Unknown causes	349
	Petroleum and its products	278
	Smoking (Cigarettes, cigars, pipes and matches)	238
	Miscellaneous causes	119
	Stoves, Furnaces, Boilers and their Pipes	45
	Incendiarism	29
	Hot ashes, coals, open fires and incinerators	16
	Matches (other than smokers' carelessness)	6
	Exposure fires	4
	Lightning	2
	Chimneys, Flues (overheated and defective)	1
		<hr/> 1,509

Table No. 4

INSTITUTION AND ASSEMBLY BUILDINGS

(Excluding Theatres and Clubs)

Date	Location	Occupancy	Damage	Cause
Jan.	Medicine Hat	Hall	\$ 25	Cigarette
3	Nr. Warspite	School	274,548	Unknown
5	Nr. Calgary	Gaol	1,075	Heater overheated
19	Calgary	Church	44,908	Cigarette
25	Red Deer	Nurses Home	54	Faulty chimney
30	Calgary	Orphanage	40,239	Children playing with candles
Feb.	Daysland	School	223	Unknown
15	Oyen	Hall	45	Combustion from floor sander
20	Oliver	Hospital	13,235	Short Circuit
Mar.	Edmonton	School	38	Cigarette
1	Edmonton	Church	120	Spontaneous ignition
2	Calgary	School	170,957	Arson
2	Nr. Smith	Church	13,852	Unknown
11	Edmonton	Boys' Club	6,000	Suspected Arson
19	Edmonton	Hospital	35	Cigarette
23	Edmonton	School	26	Faulty heater
27	Nr. Caroline	Church	2,821	Unknown
Apr.	Nr. Brightview	Church	349	Unknown
6	Calgary	Moose Lodge	1,645	Faulty heater
7	High Prairie	School	300	Tar ignited
10	Edmonton	University	94	Cigarette
11	Calgary	Church	175	Arson
12	Edmonton	Hospital	36	Cigarette
19	Calgary	Hall	3,155	Arson
28	Edmonton	School	4,709	Arson
28	Nr. Dimsdale	Children's Home	539	Unknown
May	Manyberries	School	15	Unknown
6	Eaglesham	Church	697	Sparks from burning debris ignited bldg.
14	Elizabeth	School	75,442	Faulty hot water heater
15	Nr. Kananaskis	Scout camp	1,346	Grass fire destroyed the camp
21	Little Bow Lake	Picnic shelter	590	Gasoline fumes ignited
23	Edmonton	Church	2,632	Suspected Arson
27	Nr. Owendale	Church	15,500	Unknown
28	Blackfoot	Com. League	6,500	Short circuit
31	Eaglesham	Com. League	90	Cigarette
June	Peace River	School	397	Short circuit
9	Red Deer	Hospital	2,166	Ignition of lint in duct pipe
13	Edmonton	Hospital	5,013	Spark ignited insulation
14	Calgary	Lodge	99	Cigarette
15	Calling Lake	School	846	Grass fire spread to bldg.
17	Edmonton	Church	18	Unknown
19	Edmonton	Laboratory	274	Lightning
22	Calgary	School	278	Cigarette
25	Edmonton	Com. League	250	Arson
July	Ellerslie	Laboratory	25,000	Inflamable material ignited by heater
7	Edmonton	Hospital	200	Suspected Arson

Table No. 4 (Continued)

Date	Location	Occupancy	Damage	Cause
	8 Nr. Edmonton	School	\$ 50	Suspected Arson
	11 Nr. Worsley	Church	16,500	Short circuit
	22 Lethbridge	Church	450	Lightning
	25 Westlock	Church	85	Unknown
	27 Island Lake	Hall	47,100	Propane gasoline ignited
	29 Nr. Calgary	Nurses home	3,280	Short circuit
Aug.	15 Crimson Lake	Church Camp	65	Unknown
	16 Crimson Lake	Church Camp	1,255	Heater overheated
	16 Clover Bar	Laboratory	40	Cigarette
	20 Calgary	School	519	Unknown
	20 Calgary	Hall	2	Cigarette
	27 Edmonton	Hospital	277	Lightning
Sept.	1 Calgary	Hospital	28	Unknown
	7 Peace River	School	650	Gasoline fumes ignited
	10 Red Deer	Hospital	50	Unknown
	15 Tilley	Church	5,716	Faulty furnace
	16 Calgary	Y.M.C.A.	481	Unknown
	23 Raymond	Old Folks Home	100	Cigarette
	30 Stirling	School	200	Turpentine ignited
Oct.	8 Edmonton	Church	50	Short circuit
	13 Red Deer	Hospital	150	Unknown
	21 Calgary	Hospital	1,500	Cigarette
	21 St. Paul	Hospital	59	Pan of oil overheated and ignited
Nov.	1 Calgary	Orphanage	30,251	Children playing with matches
	1 Hawk Hills	School	23,183	Suspected Arson
	9 Calgary	Church	143	Child turned stove on too high
	10 Edmonton	University	247	Short circuit
	17 Edmonton	Church	230,500	Arson
	30 Edmonton	Church	4,000	Faulty furnace
	30 Edmonton	Church	20	Unknown
Dec.	5 Ft. Saskatchewan	Legion Hall	2,500	Short circuit
	10 Medicine Hat	Church	1,700	Short circuit
	12 Grande Prairie	Church	101,193	Unknown
	13 Wetaskiwin	Church	767	Combustibles ignited near heater
	23 Edmonton	School	600	Combustibles ignited near candle
			<hr/> \$1,190,267	

Table No. 5
LOSSES CAUSED BY LIGHTNING

Date	Location	Occupancy	Building	Damage Contents	Total
Feb. 22	Nr. Hilda	Dwelling	\$ 84		\$ 84
Apr. 20	Nr. Strome	Dwelling		\$ 32	32
May 7	Nr. Stettler	Dwelling	30		30
9	Rocky Moun- tain House	Vehicle	1,560		1,560
20	Nr. Holden	Barn	300		300
21	Sundre	Oil Rig	15,000		15,000
21	Nr. Edmonton	Barn	1,000	500	1,500
28	Red Deer	Dwelling	10		10
29	Marwayne	Seed Cleaning Plant	407		407
29	Coaldale	Vehicle	125		125
29	Coaldale	Town Shop	3,305	2,188	5,493
29	Nr. Taber	Oil Tanks	15,000		15,000
30	Irvine	Dwelling	11		11
30	Lousana	Dwelling	145		145
30	Nr. Cheadle	Barn	225		225
30	Nr. Delburne	Baled Hay	1,800		1,800
30	Nr. Ashmont	Barn	1,920		1,920
30	Empress	Warehouse	265		265
June 6	Nr. Ponoka	Dwelling	400		400
8	Nr. Turner Valley	Oil Rig	20,651		20,651
8	Nr. Carmangay	Dwelling	993	210	1,203
11	Nr. Carmangay	Barn	179		179
11	Calgary	Dwelling	47		47
14	Nr. Turner Valley	Oil Tanks	4,220		4,220
14	Bowden	Grain Elevator	2,039	927	2,966
14	Nr. Brightview	Dwelling		56	56
15	Nr. Didsbury	Dwelling	8		8
15	Nr. Didsbury	Dwelling		6	6
15	Edmonton	Dwelling	434		434
17	Nr. Drumheller	Tower & Transmitter	565	633	1,198
19	Edmonton	Laboratory		274	274
19	Edmonton	Dwelling	50		50
19	Edmonton	Dwelling		23	23
19	Nr. Rumsey	Barn	2,000	100	2,100
19	Edgerton	Dwelling	38		38
20	Nr. Weasel Creek	Dwelling	4	9	13
24	Nr. Little Smoky	Dwelling	3,142		3,142
25	Nr. Innisfail	Dwelling	7		7
26	Nr. Ponoka	Barn	105	40	145
29	Nr. Ponoka	Dwelling		68	68
July	Nr. Westaskiwin	Dwelling	500		500
	Nr. Clyde	Dwelling		44	44
	Medicine Hat	Dwelling		31	31
1	Nr. Heisler	Dwelling		77	77
1	Claresholm	Dwelling	41		41
2	Nr. Gadsby	Dwelling	130	26	156
2	Monarch	Dwelling		25	25
4	Seven Persons	Dwelling	89		89
8	Carbon	Dwelling		100	100
9	Nr. Legal	Dwelling		43	43
9	Edmonton	Motel	135		135
10	Edmonton	Dwelling	66		66
10	Spruce Grove	Butcher Shop		266	266
10	Nr. Kitscoty	Barn	1,400		1,400
10	Nr. Veteran	Dwelling	35	17	52

Table No. 5 (Continued)

Date	Location	Occupancy	Building	Damage		
				Contents	Total	
July	10	Nr. Red Willow	Dwelling	\$ 38	\$ 5	\$ 43
	10	Calgary	Dwelling	94		94
	10	Nr. Calgary	Dwelling	30		30
	10	Botha	Dwelling		86	86
	10	Big Valley	Dwelling	241	83	324
	10	Big Valley	Dwelling	10	31	41
	11	Nr. Calgary	Barn	180		180
	14	Nr. Hays	Oil Tank	1,060		1,060
	14	Nr. Edgerton	Dwelling		7	7
	14	Nr. Lloydminster	Dwelling		48	48
	14	Granum	Dwelling		20	20
	15	Nr. New Brigden	Barn	400		400
	16	Nr. Chigwell	Barn	51		51
	16	Nr. Hillsdown	Barn	381		381
	16	Bowden	Barn	66		66
	16	Nr. Rockyford	Dwelling	122		122
	16	Nr. New Norway	Dwelling		8	8
	19	Nr. Athabasca	Barn	844		844
	19	Sangudo	Bank		51	51
	22	Lethbridge	Church	450		450
	23	Nr. Stettler	Dwelling	33	24	57
	24	Magrath	Dwelling		38	38
	25	Medicine Hat	Dwelling		50	50
	25	Medicine Hat	Dwelling		11	11
	25	Lethbridge	Garage	38		38
	25	Hilda	Dwelling		200	200
	29	Nr. St. Paul	Dwelling		400	400
	29	Sylvan Lake	Dwelling	30		30
	30	Nr. Rimbey	Dwelling	8,000	1,500	9,500
Aug.		Nr. Iron River	Dwelling		7	7
	2	Nr. Red Deer	Dwelling	27		27
	3	Calgary	Hotel		80	80
	3	Calgary	Office Bldg.	120		120
	3	Calgary	Dwelling		150	150
	3	Calgary	Dwelling	7		7
	3	Red Deer	Dwelling		53	53
	3	Edmonton	Dwelling		87	87
	3	Calgary	Dwelling	144		144
	4	Chestermere Lake	Dwelling	2,000	1,000	3,000
	4	Wrentham	Garage	1,903		1,903
	4	Calgary	Dry Cleaners	124		124
	4	Fort Macleod	Hay stack	344		344
	4	Medicine Hat	Dwelling		37	37
	4	Ponoka	Dwelling		38	38
	6	Sylvan Lake	Dwelling		19	19
	14	Edmonton	Dwelling		30	30
	14	Edmonton	Dwelling		38	38
	15	Nr. Edmonton	Barn	118		118
	19	Fort Macleod	Barn	309		309
	27	Edmonton	Hospital	277		277
	28	Nr. Holden	Dwelling		58	58
Sept.	6	Nr. Two Hills	Dwelling	162		162
	29	Nr. Wainwright	Dwelling		150	150
			\$96,068	\$10,004	\$106,072	

Table No. 6

FIRE LOSSES BY PROPERTY CLASSIFICATION

Property	No. of Fires	Total of Damage
1. Brick, etc. Dwellings-Protected	79	\$ 42,032
2. Frame, etc., Dwellings-Protected	2,890	1,408,225
3. Brick and Frame, etc., Dwellings-Unprotected	119	181,853
4. Farm Property (Dwellings)	396	1,042,475
..... (Other)	248	664,930
5A. Churches	22	442,196
5B. Hospitals and Sanatoria	11	20,583
5C. Public Halls	6	56,892
5D. Schools and Educational Institutes	24	618,875
5E. All other Institutional Buildings	18	51,721
6. Warehouse of all kinds	34	315,960
7. Retail Stores	151	2,028,432
8. Hotels	94	128,294
9. Food Plants, distilleries, etc.	17	208,493
10. Flour Mills and Grain Elevators	8	179,883
11. Oil Risks, Oil Tanks, etc.	77	950,348
12. Saw and Shingle Mills	3	68,536
13. Lumber Yards	7	51,188
14. Woodworkers	2	8,000
15. Metal Workers - Garages	46	438,577
16. Mining Property	3	112,605
17. Railway Property, Light and Power Plants	11	21,621
18. Miscellaneous Manufacturing Premises	22	318,455
19. Miscellaneous Non-Manufacturing Premises	111	1,316,462
20. Property other than buildings	1,509	1,329,222
	5,908	\$12,005,858

Table No. 7

CAUSES OF FIRES

Causes	No. of Fires	Total of Damage
51. Chimneys, Flues (Overheated and Defective)	50	\$ 146,011
52. Stoves, Furnaces, Boilers and their Pipes	237	666,544
(see Table No. 7A)		
53. Hot ashes, coals and open fires	158	253,384
54. Sparks on roofs	7	6,308
55. Exposure fires	53	39,791
56. Smoking (Cigarettes, cigars, pipes, matches)	1,560	914,023
57. Matches (other than smokers' carelessness)	197	206,708
58. Lights (other than electric)	59	52,049
59. Electricity	805	1,314,074
60. Lightning	108	106,072
61. Spontaneous ignition	30	314,790
62. Petroleum and its products	449	1,433,395
*63. Incendiarism	140	718,837
64. Miscellaneous (see Table No. 7B)	1,036	1,265,657
65. Motion Picture Film ignition	—	—
66. Unknown causes of fire	1,019	4,568,215
	5,908	\$12,005,858

*245 Fires of Incendiary Origin see Table No. 12, however, only 140 involved a monetary loss.

Table No. 7A

CAUSES OF FIRES

(Breakdown of No. 52 — Stoves, Furnaces, Boilers and their Pipes)

Causes		No. of Fires	Total of Damage
A-1	Stoves — Solid Fuel	12	\$ 24,951
A-2	Stoves — Liquid Fuel	20	54,462
A-3	Stoves — Natural Gas	7	17,231
A-4	Stoves — Propane and other gases	7	9,025
A-5	Electric	3	110
B-1	Boilers — Solid Fuel	—	—
B-2	Boilers — Liquid Fuel	2	61,611
B-3	Boilers — Natural Gas	1	591
B-4	Boilers — Propane and other gases	—	—
C-1	Furnaces — Solid Fuel	6	47,654
C-2	Furnaces — Liquid Fuel	17	110,187
C-3	Furnaces — Natural Gas	31	43,802
C-4	Furnaces — Propane and other gases	7	25,785
D-1	Suspended Heaters — Solid Fuel	3	4,188
D-2	Suspended Heaters — Liquid Fuel	8	18,030
D-3	Suspended Heaters — Natural Gas	10	21,810
D-4	Suspended Heaters — Propane and other gases	4	7,795
E-1	Portable Heaters — Solid Fuel	3	5,665
E-2	Portable Heaters — Liquid Fuel	28	86,714
E-3	Portable Heaters — Natural Gas	15	24,459
E-4	Portable Heaters — Propane and other gases	14	35,090
E-5	Portable Heaters — Electric	4	687
F-1	Floor Furnaces — Solid Fuel	1	7,000
F-2	Floor Furnaces — Liquid Fuel	5	1,043
F-3	Floor Furnaces — Natural Gas	6	5,283
F-4	Floor Furnaces — Propane and other gases	2	11,826
G-1	Vents and Ducts — Solid Fuel	1	2,804
G-2	Vents and Ducts — Liquid Fuel	2	16,244
G-3	Vents and Ducts — Natural Gas	1	30
G-4	Vents and Ducts — Propane and other gases	1	601
H-1	Miscellaneous — Solid Fuel	1	749
H-2	Miscellaneous — Liquid Fuel	8	7,316
H-3	Miscellaneous — Natural Gas	5	12,071
H-4	Miscellaneous — Propane and other gases	2	1,730
		237	\$666,544

Table No. 7B

CAUSES OF FIRES

(Breakdown of No. 64 — Miscellaneous)

Cause	No. of Fires	Total of Damage
Hot Greases, Wax and Paraffin	253	\$ 121,022
Combustibles igniting near stoves	139	183,521
Hot articles burning arborite	61	29,449
Welders' Torches and Blow Torches	58	357,680
Overheated cooking utensils	58	14,041
Combustibles igniting near light bulbs	48	19,565
Combustibles igniting from heat lamps	38	9,162
Ignition of lint fuzz and twigs from overheated motors	35	65,570
Combustibles igniting from irons	32	11,692
Combustibles igniting from garbage containers	31	77,854
Acts of Children	27	14,765

Table No. 7B (Continued)

Cause	No. of Fires	Total of Damage
Friction	23	30,621
Combustibles igniting from clothes dryers	22	5,709
Combustibles igniting from deep fat fryers	19	21,519
Firecrackers	17	20,025
Combustibles igniting from electric kettles	17	1,134
Ignition of adhesive glue or contact cement	16	6,589
Combustibles igniting from toasters	16	3,416
Sun reflecting or magnifying	14	7,198
Vehicle accidents resulting in fire	12	65,498
Ignition of cleaning solvents	10	20,703
Combustibles igniting from electric fry pans	9	15,153
Combustibles igniting from overheated motors	8	2,191
Combustibles igniting from overheated mufflers or exhausts	7	13,152
Ignition of transmission fluid or hydraulic fluid	7	8,551
Combustibles igniting from electric percolators	7	385
Combustibles igniting from barbecues	7	537
Combustibles igniting from molten metal	5	86,780
Ignition from tar, tar pots and flare pots	4	5,794
Combustibles igniting from hot water tanks	4	674
Ignition from soldering irons	4	2,560
Combustibles igniting from T.V. sets	4	352
Combustibles igniting from popcorn machines	4	453
Combustibles igniting from baby bottle sterilizers	3	926
Combustibles igniting from pressure cookers	3	384
Combustibles igniting from chemicals	3	6,782
Combustibles igniting from hot plates	2	294
Ignition of turpentine	2	29,912
Combustibles igniting from hair dryers	2	710
Combustibles igniting from vaporizers	1	65
Combustibles igniting from sewing machines	1	20
Combustibles igniting from vacuum cleaners	1	100
Combustibles igniting from electric amplifiers	1	3,139
Combustibles igniting from waffle irons	1	10
	1,036	\$1,265,657

Table No. 8

LARGEST LOSSES DURING THE YEAR

Date	Location	Occupancy	Loss	Cause
Jan. 1	Edmonton	Apartment	\$ 16,129	Overheated vent pipe
1	Edmonton	Store	31,351	Unknown
1	Calgary	Auto Body Shop	12,353	Overheated heater
2	Whitecourt	Gas Plant	18,000	Reboiler malfunctioned
3	Nr. Warspite	School	274,548	Unknown
3	Nr. Langdon	Dwelling	17,000	Unknown
3	Keg River	Teacherage	32,165	Unknown
5	Calgary	Bus. Premises	57,223	Unknown
5	Nr. Calgary	Restaurant	98,500	Unknown
5	Red Deer	Apartment	14,384	Unknown
7	Edmonton	Bus. Premises	93,030	Unknown
7	Calgary	Apartment	48,618	Short circuit
11	Nr. Turner Valley	Battery	32,021	Ignition of natural gas
11	Nr. Cressday	Refinery	11,440	Ignition of natural gas
11	Nr. Fairview	Dwelling	10,500	Faulty coal heater
13	Fort Macleod	Factory	50,000	Spontaneous ignition
14	Edmonton	Mill	15,009	Ignition of gas
16	Buck Lake	Office	17,000	Faulty furnace

Table No. 8 (Continued)

Date	Location	Occupancy	Loss	Cause
Jan. 18	Nr. Meander River	Tractor	\$15,000	Unknown
19	Calgary	Church	44,908	Cigarette
21	Calgary	Bus. Premises	535,200	Unknown
23	Calgary	Hotel	12,234	Cigarette
24	Nr. Cherhill	Dwelling	26,790	Ignition of turpentine
25	St. Albert	Dwelling	13,771	Short circuit
26	Calgary	Bus. Premises	49,889	Suspected Arson
26	Grande Prairie	Hatchery	11,000	Overheated elect. element
27	Nr. High Level	Teacherage	17,220	Ignition of propane gas
29	Nr. Three Hills	Gas Plant	74,735	Ignition of natural gas
30	Calgary	Orphanage & School	40,239	Children playing with candles
31	Elk Point	Store	10,377	Unknown
31	Ft. Saskatchewan	Refining Plant	15,000	Power failure
Feb.	2 Nr. Calling Lake	Tractor	30,000	Unknown
	2 Edmonton	Bus. Premises	429,874	Cigarette
	3 Nr. Carstairs	Gas Plant	13,819	Ignition of natural gas
	3 Calgary	Dwelling	13,211	Short circuit
	7 Nr. Swan Hills	Bulldozer	18,398	Spreading grass fire
	11 Calgary	Service Station	10,500	Ignition of natural gas
	11 Nr. Medicine Hat	Food Plant	19,221	Unknown
	11 Ft. Saskatchewan	Manuf. Prem.	35,000	Ignition from torch
	12 Nr. Buck Creek	Treater	19,620	Unknown
	12 Edmonton	Office Bldg.	18,772	Cigarette
	12 Medicine Hat	Dwelling	10,267	Short circuit
	12 Calgary	Apartment	10,900	Cigarette
	13 Nr. Airdrie	Feed Mill	48,790	Ignition from overheated machinery
	14 Nr. Meander River	Sawmill	30,418	Unknown
	14 Calgary	Manuf. Prem.	60,954	Overheated boiler
	16 Brooks	Restaurant	29,029	Suspected arson
	16 Nr. Bremner	Dwelling	23,264	Faulty furnace
	20 Oliver	Mental Hosp.	13,235	Short circuit
	21 Nr. Wood Buffalo Park	Tractor	27,500	Unknown
	22 Red Deer	Vehicle	14,000	Unknown
	25 Nr. Lloydminster	Treater	52,310	Failure of heat exchanger
	26 Nr. Picardville	Barn	20,524	Unknown
	27 Nr. Drumheller	Dwelling	19,261	Faulty furnace
	28 Calgary	Dwelling	16,365	Suspected arson
Mar.	1 Nr. High Prairie	Repair Shop	12,900	Ignition of natural gas
	1 Kinuso	Trailer	12,769	Faulty oil heater
	1 Nr. Slave Lake	Tractor	11,458	Unknown
	2 Nr. Smith	Church	13,852	Unknown
	2 Calgary	School	170,957	Arson
	4 Drumheller	Bus. Premises	47,652	Cigarette
	6 Peoria	Garage	16,000	Unknown
	8 Nr. Spruce Grove	Poultry House	29,404	Faulty brooder
	9 Nr. High Prairie	Dwelling	11,000	Overheated chimney
	9 Calgary	Restaurant	23,517	Cigarette
	10 Nr. Balzac	Gas Plant	150,000	Ignition of natural gas
	13 Nr. Bentley	Barn	14,500	Unknown
	17 Pincher Creek	Dwelling	11,200	Ignition of varsol
	20 Calgary	Store	193,208	Unknown
	20 Nr. Breton	Treater	10,576	Unknown
	20 Calgary	Store	12,346	Exposure
	23 Nr. Taber	Bus. Premises	95,629	Unknown
	23 Nr. Falher	Dwelling	18,568	Faulty heater
	25 Notikewin River	Sawmill	23,109	Short circuit
	28 Standard	Restaurant	14,300	Short circuit

Table No. 8 (Continued)

Date		Location	Occupancy	Loss	Cause
Apr.	3	Spruce Grove	Store	\$ 14,848	Unknown
	4	Edmonton	Food Plant	111,950	Ignition of natural gas
	5	Nr. Swan Hills	Pumping Stn.	12,000	Ignition of natural gas
	5	Nr. Dapp	Barn	16,465	Unknown
	8	Nr. La Glace	Barn	13,000	Unknown
	10	Winterburn	Dwelling	15,178	Short circuit
	10	Nr. Carstairs	Dwelling	11,500	Unknown
	10	Nr. Deadwood	Tractor	16,770	Short circuit
	12	Edmonton	Office Bldg.	53,647	Unknown
	13	Taber	Store	131,811	Unknown
	13	Nr. Bellis	Dwelling	19,840	Faulty furnace
	18	Nr. Warspite	Dwelling	10,500	Unknown
	20	Nr. Swan Hills	Battery	24,053	Ignition of natural gas
	22	Nr. Swan Hills	Battery	35,000	Ignition of natural gas
	22	Blackfalds	Curling Rink	24,000	Short circuit
	24	Nr. Whitecourt	Battery	24,577	Short circuit
	25	Falher	Restaurant	65,136	Unknown
	28	Nr. Alcomdale	Barn	20,960	Unknown
May	5	Lethbridge	Warehouse	25,624	Suspected Arson
	6	Nr. Evansburg	Peat Moss Plant	18,120	Ignition from grinding stone
	7	McLennan	Store	114,377	Unknown
	8	Edmonton	Lumber Co.	20,818	Unknown
	10	Calgary	Dwelling	30,000	Grease fire
	11	Rocky Mountain House	Lumber Co.	12,329	Short circuit
	14	Elizabeth	School	75,442	Ignition from hot water tank
	16	Edmonton	Dwelling	17,000	Short circuit
	20	Nr. Camrose	Mining Risk	35,000	Ignition from latent spark
	20	Edmonton	Dwelling	10,300	Arson
	21	Nr. Sundre	Gas Plant	15,000	Lightning
	25	Nr. Lac La Biche	Battery Site	75,000	Ignition of natural gas
	26	Nr. Spruce Grove	Poultry Barn	25,283	Faulty heater
	27	Nr. Owendale	Church	15,500	Unknown
	29	Nr. Taber	Oil Tanks	15,000	Lightning
June	5	Edmonton	Store	13,085	Suspected Arson
	7	Nampa	Vehicle	29,600	Ignition of gasoline
	8	Nr. Turner Valley	Treater	20,651	Lightning
	12	Ft. Saskatchewan	Dwelling	14,000	Unknown
	16	Edmonton	Manuf. Prop.	132,804	Short circuit
	16	Nr. Magrath	Dwelling	10,400	Ignition of oil
	21	Nr. Horsehill	Store & Garage	33,197	Short circuit
	23	Nr. Ft. McMurray	Helicopter	90,000	Spreading forest fire
	27	Nr. Rocky Mtn. House	Tractor	18,000	Ignition of crude oil
	28	Nr. Sexsmith	Dwelling	11,000	Faulty chimney
	29	Dewberry	Garage	57,000	Spark from welding torch
	29	Legal	Garage	19,118	Ignition of gasoline
July	1	Nr. Calgary	Barn	35,684	Careless use of matches
	6	Ellerslie	Laboratory	25,000	Inflammable material ignited by heater
	8	High Level	Aircraft	62,000	Ignition of fuel
	10	Hillcrest	Garage	13,544	Faulty wiring
	11	Nr. Worsley	Church	16,500	Short circuit
	13	Nr. Drayton Valley	Oil Rig	20,886	Short circuit
	13	Edmonton	Auto Body Shop	17,941	Ignition of gasoline
	14	Keg River	Tractor	13,520	Ignition of gasoline
	14	Nr. Vulcan	Dwelling	27,722	Unknown

Table No. 8 (Continued)

Date		Location	Occupancy	Loss	Cause
July	17	Nr. Rainbow Lake	Comp. Station	\$11,500	Ignition of natural gas
	19	Edmonton	Repair Shop	85,397	Spontaneous ignition
	22	Blairmore	Garage	12,975	Unknown
	25	Nr. Rainbow Lake	Tractor	13,348	Ignition of gasoline
	27	Island Lake	Dance Hall	47,100	Ignition of propane gas
	28	Vimy	Store	14,465	Unknown
	29	Nr. St. Paul	Dwelling	10,827	Unknown
Aug.	3	Calgary	Dwelling	30,147	Unknown
	3	Calgary	Warehouse	58,442	Unknown
	4	Nr. Blackfalds	Repair Shop	19,555	Unknown
	7	Edmonton	Store	20,972	Short circuit
	11	Whitecourt	Store	55,489	Faulty wiring
	12	Calgary	Bus. Premises	15,154	Compressor failure
	12	Donnelly	Feed Mill	22,000	Unknown
	17	Edmonton	Cement Plant	12,741	Faulty electrical switch
	21	Nr. Worsley	Tractor	17,500	Unknown
	21	Grimshaw	Hotel	38,824	Unknown
	24	Edmonton	Bus. Premises	52,226	Ignition of propane gas
	24	Cessford	Tractor & Trailer	17,000	Ignition of volatile gas
	27	Mannville	Auto Dealership	38,344	Faulty wiring
	28	Strome	Garage	11,078	Ignition of gasoline
	31	Calgary	Dwelling	11,343	Children playing with matches
Sept.	5	Nr. Coronation	Dwelling	13,933	Spontaneous combustion
	6	Pigeon Lake	Dwelling	11,000	Unknown
	6	Nr. Gunn	Dwelling	15,000	Suspected Arson
	10	Fort Macleod	Restaurant	16,276	Malfunction of deep fat fryer
	11	Edmonton	Stores	13,600	Faulty stove
	12	Medicine Hat	Produc. Plant	15,000	Faulty furnace
	16	Nr. Leduc	Process. Plant	95,728	Unknown
	17	Edmonton	Warehouse	104,651	Spontaneous combustion
	17	Calgary	Warehouse	10,963	Unknown
	18	Nr. Coronado	Dwelling	13,649	Unknown
	22	High Level	Lumber Mill	16,123	Unknown
	24	Halkirk	Dwelling	12,851	Spontaneous combustion
	27	Red Deer	Service Station	22,644	Ignition of gasoline
	27	Rainbow Lake	Tractor	14,416	Ignition of gasoline
Oct.	1	Nr. Medicine Hat	Oil Rig	20,000	Ignition of natural gas
	4	Calgary	Hangar	52,440	Unknown
	6	Nr. Evansburg	Dwelling	11,710	Faulty heater
	7	Edmonton	Dwelling	11,258	Cigarette
	14	Nr. Breton	Dwelling	19,700	Unknown
	18	Nr. Leduc	Warehouse	14,882	Sparks from engine
	22	Nr. Robb	Store	38,257	Unknown
	22	Nr. Bruderheim	Bus. Premises	17,800	Ignition of propane gas
	24	Nr. Picardville	Barn	21,069	Spreading grass fire
	28	Nr. Red Deer	Truck	20,200	Ignition of hot oil
	29	Nr. Kinuso	Dwelling	22,993	Unknown
	30	Nr. Entwistle	Barn	24,200	Ignition from welding torch
Nov.	1	Calgary	Orphanage & School	30,251	Children playing with matches
	1	Hawk Hills	School	23,183	Suspected Arson
	2	Nr. Woking	Dwelling	11,437	Unknown
	8	Milk River	Dwelling	15,500	Ignition of natural gas
	9	Edmonton	Office Bldg.	121,084	Unknown
	14	Nr. Edson	Dwelling	12,500	Unknown

Table No. 8 (Continued)

Date	Location	Occupancy	Loss	Cause
Nov. 14	Lethbridge	Warehouse & Garage	47,709	Unknown
15	Rainbow Lake	Tractor	21,854	Unknown
17	Edmonton	Church	230,500	Arson
19	Nr. Whitecourt	Compressor Stn	93,700	Unknown
19	Cochrane	Barn	26,400	Combustibles ignited by heater
22	Nr. Evansburg	Mining Risk	75,618	Short circuit
23	Wildwood	Store	22,136	Unknown
27	Nr. Rocky Mtn. House	Machine Shop	16,000	Unknown
Dec. 4	Redcliffe	Manuf. Prem.	44,921	Unknown
9	Nr. Consort	Oil Rig	12,000	Ignition of natural gas
10	Wrentham	Auto Dealership	85,283	Unknown
10	Clandonald	Store	15,000	Faulty heater
11	Barrhead	Bus. Premises	20,316	Faulty wiring
12	Peace River	Hotel	37,246	Short circuit
12	Grande Prairie	Church	101,193	Unknown
15	Calgary	Auto Body Shop	12,400	Ignition of gasoline
16	Edmonton	Office Bldg.	40,363	Unknown
20	Edmonton	Store	19,964	Short circuit
22	Nr. Bentley	Barn	12,000	Unknown
23	Nr. St. Albert	Barn	15,000	Faulty furnace
23	Nr. Stettler	Barn	10,500	Unknown
24	Edmonton	Dwelling	15,749	Short circuit
26	Calgary	Office Bldg.	143,912	Ignition from welding torch
			\$8,001,980	

Table No. 9

AMOUNT OF FIRE LOSS

	No. of Fires	Loss
Fires under \$50	1,649	44,026
Fires over \$50 and under \$10,000	4,053	3,959,852
Fires over \$10,000	191	5,055,911
Fires over \$100,000	12	1,706,447
Fires over \$250,000	3	1,239,622
	5,908	\$12,005,858

Table No. 10

STATEMENT OF FATALITIES — 1966

A. Direct Cause of Death	Men	Women	Children	Total
Asphyxiation by smoke or fire gases	11	1	5	17
Bodily burns from flames	9	5	8	22
TOTAL	20	6	13	39
B. Causes of Fire that Resulted in Death				
Ignition of flammable liquids	3	2	8	13
Careless smoking	9	1	1	11
Unknown	4	1	—	5
Electrical failure	1	—	—	1

Table No. 10 (Continued)

	Men	Women	Children	Total
Children playing with matches or cigarette lighters	—	—	4	4
Faulty heater	1	—	—	1
Burning brush	1	2	—	3
Ignition of paint thinner	1	—	—	1
	20	6	13	39
C. Rural	12	2	8	22
Urban	8	4	5	17
	20	6	13	39
D. Dangerous Conditions Leading to Loss of Life				
Explosion of propane and other gases	1	2	6	9
Hi-test gasoline used to kindle fire	1	—	—	1
Acetylene torch ignited paint thinner	1	—	—	1
Spark from hammer ignited gasoline	1	—	—	1
Careless smoking	9	1	1	11
Unknown	4	1	—	5
Electricity	1	—	—	1
Careless use of matches	—	—	3	3
Faulty and overheated heater	1	—	—	1
Trapped by burning brush	1	2	—	3
Children left unattended	—	—	3	3
TOTAL	20	6	13	39

Injuries Reported 116

Table No. 11

THE FIRE LOSSES IN COUNTIES, MUNICIPAL DISTRICTS, IMPROVEMENT
DISTRICTS, SPECIAL AREAS, CITIES, TOWNS, VILLAGES AND HAMLETS
AND INSPECTIONS REPORTED

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
City of Calgary (Buildings)	21,147	113	\$2,238,998	323,289
(Vehicles)			59,111	
City of Edmonton (Buildings)	19,031	463	2,086,893	371,265
(Vehicles)			60,054	
City of Lethbridge (Buildings)	803	Nil	134,679	36,837
(Vehicles)			24,768	
City of Medicine Hat (Buildings)	2,202	7	68,817	25,376
(Vehicles)			4,062	

COUNTY #1

Rural (Fires occurring outside of towns, villages)	—	—	34,015	8,803
Vehicles	—	—	5,997	
City of Grande Prairie	320	48	124,888	11,129
Town of Beaverlodge	—	—	1,000	1,085
Village of Hythe	16	Nil	3,813	558
Village of Sexsmith	2	Nil	65	531
Village of Wembley	—	—	7,492	330

Table No. 11 (Continued)

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
COUNTY #2				
Rural (Fires occurring outside of towns, villages)	—	—	34,296	5,018
Vehicles	—	—	5,523	
Town of Vulcan	—	—	3,586	1,621
Village of Arrowwood	30	Nil	Nil	187
Village of Carmangay	—	—	4,134	293
Village of Champion	—	—	140	388
Village of Lomond	—	—	Nil	244
Village of Milo	6	1	Nil	138
COUNTY #3				
Rural (Fires occurring outside of towns, villages)	—	—	14,763	8,688
Vehicles	—	—	8,002	
Town of Ponoka	20	Nil	2,658	4,424
Town of Rimbey	—	—	7,177	1,502
COUNTY #4				
Rural (Fires occurring outside of towns, villages)	—	—	21,787	6,038
Vehicles	—	—	16,880	
Town of Bassano	120	Nil	494	821
Town of Brooks	—	—	39,270	3,357
Village of Duchess	Nil	Nil	Nil	207
Village of Rosemary	—	—	Nil	210
Village of Tilley	3	1	5,778	257
COUNTY #5				
Rural (Fires occurring outside of towns, villages)	—	—	103,361	4,991
Vehicles	—	—	4,034	
Town of Milk River	—	—	15,500	848
Town of Raymond	—	—	8,992	2,362
Village of Coutts	—	—	Nil	448
Village of Stirling	—	—	670	468
Village of Warner	30	Nil	Nil	472
COUNTY #6				
Rural (Fires occurring outside of towns, villages)	—	—	28,319	5,968
Vehicles	—	—	8,542	
Town of Stettler	47	Nil	5,048	3,928
Village of Big Valley	—	—	365	449
Village of Botha	Nil	Nil	483	123
Village of Donalda	—	—	2,132	276
Village of Gadsby	—	—	78	98
Summer Village of Rochan Sands.	Nil	Nil	Nil	28
COUNTY #7				
Rural (Fires occurring outside of towns, villages)	—	—	30,192	5,096
Vehicles	—	—	4,718	
Town of Redwater	—	—	Nil	1,135
Village of Radway	12	Nil	Nil	183
Village of Thorhild	—	—	106	405

Table No. 11 (Continued)

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
COUNTY #8				
Rural (Fires occurring outside of towns, villages)	—	—	11,094	4,716
Vehicles	—	—	5,460	
Town of Bow Island	80	Nil	239	1,111
Village of Burdett	Nil	Nil	Nil	229
Village of Foremost	12	Nil	4,215	561
COUNTY #9				
Rural (Fires occurring outside of towns, villages)	—	—	32,851	6,476
Vehicles	—	—	7,455	
Town of Tofield	—	—	3,942	1,009
Town of Viking	—	—	4,603	1,128
Village of Holden	—	—	Nil	532
Village of Ryley	—	—	200	506
COUNTY #10				
Rural (Fires occurring outside of towns, villages)	—	—	76,237	8,701
Vehicles	—	—	10,154	
City of Wetaskiwin	—	—	6,401	5,991
Village of Millet	6	1	1,500	13
Summer Village of Crystal Springs	—	—	456	130
Summer Village of Ma-Me-O-Beach	—	—	25	429
Summer Village of Silver Beach	—	—	Nil	14
COUNTY #11				
Rural (Fires occurring outside of towns, villages)	—	—	53,595	5,759
Vehicles	—	—	4,257	
Town of Barrhead	78	5	20,676	2,710
COUNTY #12				
Rural (Fires occurring outside of towns, villages)	—	—	18,302	6,792
Vehicles	—	—	6,408	
Town of Athabasca	85	Nil	4,517	1,636
Village of Boyle	6	Nil	450	427
Summer Village of Island Lake	Nil	Nil	47,100	12
COUNTY #13				
Rural (Fires occurring outside of towns, villages)	—	—	332,690	4,913
Vehicles	—	—	9,663	
Town of Smoky Lake	110	1	Nil	879
Village of Vilna	—	—	4,830	400
Village of Warspite	35	Nil	Nil	153
Village of Waskatenau	Nil	Nil	Nil	288

Table No. 11 (Continued)

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
COUNTY #14				
Rural (Fires occurring outside of towns, villages)	—	—	85,222	8,725
Vehicles	—	—	10,149	
Town of Lacombe	—	—	1,149	3,140
Village of Alix	—	—	Nil	660
Village of Bentley	—	—	3,662	660
Village of Blackfalds	17	1	24,125	723
Village of Clive	Nil	Nil	1,452	264
Village of Eckville	—	—	Nil	708
Village of Mirror	Nil	Nil	Nil	577
Summer Village of Gull Lake	Nil	Nil	1,219	38
COUNTY #16				
Rural (Fires occurring outside of towns, villages)	—	—	20,536	5,570
Vehicles	—	—	4,114	
Town of Gleichen	Nil	Nil	4,977	426
Town of Strathmore	8	Nil	694	1,025
Village of Cluny	—	—	Nil	174
Village of Hussar	Nil	Nil	Nil	231
Village of Rockyford	Nil	Nil	Nil	275
Village of Standard	—	—	14,300	277
COUNTY #17				
Rural (Fires occurring outside of towns, villages)	—	—	67,496	9,348
Vehicles	—	—	14,755	
Town of Didsbury	125	Nil	112	1,660
Town of Olds	—	—	750	2,987
Town of Sundre	10	Nil	28	924
Village of Carstairs	152	4	1,219	716
Village of Cremona	8	Nil	6,000	222
COUNTY #18				
Rural (Fires occurring outside of towns, villages)	—	—	16,608	3,278
Vehicles	—	—	200	
Town of Castor	45	Nil	Nil	1,112
Town of Coronation	Nil	Nil	170	959
Village of Halkirk	Nil	Nil	12,851	190
COUNTY #19				
Rural (Fires occurring outside of towns, villages)	—	—	41,446	7,421
Vehicles	—	—	10,369	
Town of Elk Point	—	—	10,707	747
Town of St. Paul	—	—	701	3,591
COUNTY #20				
Rural (Fires occurring outside of towns, villages)	214	Nil	126,212	14,941
Vehicles	—	—	17,772	
Town of Fort Saskatchewan	—	—	67,085	4,031
Hamlet of Sherwood Park	37	Nil	9,418	—

Table No. 11 (Continued)

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
COUNTY #21				
Rural (Fires occurring outside of towns, villages)	—	—	23,175	6,205
Vehicles	—	—	5,435	
Town of Two Hills	—	—	9,508	1,154
Village of Derwent	32	—	6,244	281
Village of Myrnam	345	—	Nil	430
Village of Willingdon	75	—	161	420
Village of Hairy Hill	—	—	Nil	173
COUNTY #22				
Rural (Fires occurring outside of towns, villages)	—	—	74,966	8,821
Vehicles	—	—	9,294	
City of Camrose	613	1	24,694	7,965
Village of Bashaw	—	—	50	688
Village of Bawlf	6	Nil	Nil	238
Village of Bittern Lake	Nil	Nil	Nil	85
Village of Edberg	—	—	Nil	179
Village of Ferintosh	—	—	Nil	174
Village of Hay Lakes	32	—	400	205
Village of New Norway	Nil	Nil	155	263
COUNTY #23				
Rural (Fires occurring outside of towns, villages)	—	—	103,750	13,477
Vehicles	—	—	56,012	
City of Red Deer	1,073	3	88,919	25,752
Town of Innisfail	53	1	591	2,492
Town of Sylvan Lake	30	12	272	1,410
Village of Bowden	—	—	2,966	596
Village of Delburne	28	—	25	461
Village of Elnora	6	Nil	Nil	189
Village of Penhold	—	—	Nil	385
Summer Village of Norglenwold	—	—	Nil	Nil
COUNTY #24				
Rural (Fires occurring outside of towns, villages)	—	—	94,122	8,681
Vehicles	—	—	15,786	
City of Lloydminster	63	14	1,617	3,622
Town of Vermilion	135	Nil	10,640	2,681
Village of Dewberry	6	Nil	57,000	179
Village of Kitscoty	—	—	Nil	321
Village of Marwayne	—	—	407	397
Village of Paradise Valley	—	—	6,400	174
COUNTY #25				
Rural (Fires occurring outside of towns, villages)	—	—	223,349	10,647
Vehicles	—	—	15,908	
Town of Calmar	—	—	154	700
Town of Devon	665	—	3,959	1,423
Town of Leduc	43	41	1,839	2,916
Village of Breton	120	Nil	Nil	522

Table No. 11 (Continued)

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
COUNTY #25 (Continued)				
Village of New Sarepta	Nil	Nil	Nil	178
Village of Thorsby	170	Nil	1,800	636
Village of Warburg	—	—	3,818	402
Summer Village of Itaska Beach	Nil	Nil	Nil	2
Summer Village of Golden Days	Nil	Nil	Nil	Nil
COUNTY #26				
Rural (Fires occurring outside of towns, villages)	—	—	45,812	11,184
Vehicles	—	—	3,826	
Town of Coaldale	48	Nil	13,083	2,592
Town of Picture Butte	20	Nil	154	1,066
Village of Barons	—	—	5,700	275
Village of Nobleford	14	Nil	95	350
COUNTY #27				
Rural (Fires occurring outside of towns, villages)	—	—	6,315	6,181
Vehicles	—	—	13,852	
Town of Vegreville	—	—	9,889	3,458
Village of Mannville	—	—	38,344	642
Village of Lavoy	—	—	80	131
Village of Minburn	10	Nil	220	127
Village of Innisfree	23	—	548	309
COUNTY #28				
Rural (Fires occurring outside of towns, villages)	—	—	92,020	7,151
Vehicles	—	—	12,251	
Town of Mayerthorpe	14	Nil	Nil	950
Village of Sangudo	22	—	5,501	312
Village of Onoway	—	—	218	395
Summer Village of Alberta Beach	1	Nil	Nil	152
Summer Village of Ross Haven	—	—	Nil	6
Summer Village of Castle Island	—	—	Nil	Nil
Summer Village of West Cove	Nil	Nil	Nil	Nil
Summer Village of Yellowstone	—	—	Nil	Nil
Summer Village of Sunset Point	Nil	Nil	Nil	18
M.D. #6				
Rural (Fires occurring outside of towns, villages)	—	—	32,226	4,905
Vehicles	—	—	5,564	
Town of Cardston	—	—	10,748	2,801
Town of Magrath	—	—	1,288	1,338
Village of Glenwood	—	—	65	274
Village of Hillspring	—	—	857	243
M.D. #9				
Rural (Fires occurring outside of towns, villages)	—	—	14,141	3,240
Vehicles	—	—	2,097	
Town of Pincher Creek	—	—	11,458	3,051
Village of Cowley	—	—	Nil	185

Table No. 11 (Continued)

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
M.D. #14				
Rural (Fires occurring outside of towns, villages)	—	—	122,246	7,349
Vehicles	—	—	9,273	
Town of Taber	—	—	133,365	4,490
Town of Vauxhall	Nil	Nil	148	942
Village of Grassy Lake	—	—	Nil	274
M.D. #26				
Rural (Fires occurring outside of towns, villages)	—	—	14,257	4,863
Vehicles	—	—	4,534	
Town of Claresholm	1,100	8	3,510	2,444
Town of Fort Macleod	28	—	66,964	2,630
Town of Granum	—	—	195	305
Town of Nanton	85	9	6,000	1,054
Town of Stavely	—	—	Nil	349
M.D. #31				
Rural (Fires occurring outside of towns, villages)	—	—	88,967	7,690
Vehicles	—	—	4,716	
Town of High River	185	Nil	85	2,330
Town of Black Diamond	1,009	Nil	339	1,043
Town of Okotoks	—	—	69	1,043
Village of Blackie	Nil	Nil	Nil	141
Village of Cayley	9	—	Nil	146
Village of Turner Valley	—	—	131	660
Village of Longview	Nil	Nil	260	196
M.D. #34				
Rural (Fires occurring outside of towns, villages)	—	—	Nil	965
Vehicles	—	—	5,551	
Village of Empress	—	—	2,465	411
Hamlet of Acadia Valley	—	—	100	
M.D. #44				
Rural (Fires occurring outside of towns, villages)	—	—	387,146	10,748
Vehicles	—	—	29,215	
Village of Airdrie	4	—	49,761	795
Village of Beiseker	Nil	Nil	Nil	379
Village of Cochrane	20	Nil	9,934	907
Village of Crossfield	—	—	41	593
Village of Irricana	Nil	Nil	Nil	167
M.D. #47				
Rural (Fires occurring outside of towns, villages)	—	—	8,937	2,907
Vehicles	—	—	Nil	
Village of Craigmyle	—	—	Nil	107
Village of Delia	—	—	2,039	298
Village of Morrin	11	—	Nil	316
Village of Munson	—	—	Nil	44
Village of Rumsey	4	Nil	63	115

Table No. 11 (Continued)

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
M.D. #48				
Rural (Fires occurring outside of towns, villages)	—	—	9,584	6,630
Vehicles	—	—	5,300	
Town of Three Hills	—	—	134	1,498
Town of Trochu	—	—	1,200	755
Village of Acme	—	—	Nil	313
Village of Carbon	—	—	100	368
Village of Linden	—	—	Nil	207
Village of Torrington	—	—	100	180
M.D. #52				
Rural (Fires occurring outside of towns, villages)	—	—	10,154	3,328
Vehicles	—	—	3,635	
Town of Provost	175	Nil	8,559	1,291
Village of Amisk	3	Nil	Nil	137
Village of Czar	—	—	2,075	203
Village of Hughenden	Nil	Nil	1,500	241
M.D. #61				
Rural (Fires occurring outside of towns, villages)	—	—	9,007	4,847
Vehicles	—	—	9,482	
Town of Wainwright	—	—	2,672	3,669
Village of Chauvin	—	—	9,530	395
Village of Edgerton	14	Nil	38	311
Village of Irma	—	—	161	446
M.D. #62				
Rural (Fires occurring outside of towns, villages)	—	—	23,990	6,355
Vehicles	—	—	9,372	
Town of Daysland	205	Nil	223	667
Town of Hardisty	2	1	33	663
Town of Killam	41	1	65	850
Village of Alliance	18	—	47	302
Village of Forestburg	—	—	1,962	687
Village of Galahad	Nil	Nil	Nil	231
Village of Heisler	—	—	100	210
Village of Lougheed	—	—	Nil	225
Village of Sedgewick	—	—	100	725
Village of Strome	—	—	11,370	311
M.D. #82				
Rural (Fires occurring outside of towns, villages)	—	—	9,373	6,754
Vehicles	—	—	2,605	
Town of Mundare	—	—	10	573
Village of Andrew	—	—	5,911	614
Village of Bruderheim	4	—	Nil	283
Village of Chipman	—	—	392	203
Village of Lamont	—	—	8,094	705

Table No. 11 (Continued)

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
M.D. #84				
Rural (Fires occurring outside of towns, villages)	—	—	109,702	9,238
Vehicles	—	—	22,070	
Town of Stony Plain	230	5	4,769	1,480
Village of Entwistle	14	7	Nil	381
Village of Spruce Grove	289	9	14,794	580
Summer Village of Betula Beach	—	—	Nil	Nil
Summer Vil. of Edmonton Beach	—	—	Nil	20
Summer Village of Kapasiwin	—	—	Nil	2
Summer Village of Lakeview	—	—	Nil	10
Summer Village of Point Alison	—	—	Nil	6
Summer Village of Seba Beach	Nil	Nil	Nil	122
M.D. #87				
Rural (Fires occurring outside of towns, villages)	—	—	15,061	12,921
Vehicles	—	—	8,888	
Town of Bonnyville	—	—	3,799	2,222
Town of Cold Lake	—	—	945	1,637
Town of Grand Centre	—	—	784	1,915
Village of Glendon	—	—	Nil	323
Summer Village of Bonnyville Beach	—	—	Nil	Nil
M.D. #90				
Rural (Fires occurring outside of towns, villages)	—	—	308,073	17,647
Vehicles	—	—	8,004	
Town of Morinville	12	Nil	346	935
Town of St. Albert	619	Nil	22,438	9,426
Village of Gibbons	78	Nil	Nil	233
Village of Legal	Nil	Nil	19,204	582
Village of Bon Accord	Nil	Nil	Nil	189
Summer Village of Sandy Beach	—	—	Nil	4
M.D. #92				
Rural (Fires occurring outside of towns, villages)	—	—	72,212	7,864
Vehicles	—	—	1,629	
Town of Westlock	390	—	1,802	2,649
Village of Clyde	—	—	50	259
M.D. #130				
Rural (Fires occurring outside of towns, villages)	—	—	65,888	4,094
Vehicles	—	—	16,863	
Town of Falher	22	—	65,620	882
Town of McLennan	—	—	115,477	1,086
Village of Donnelly	6	Nil	22,000	263
Village of Girouxville	50	—	8,715	341
M.D. #133				
Rural (Fires occurring outside of towns, villages)	—	—	6,492	1,318
Vehicles	—	—	834	
Town of Spirit River	—	—	Nil	1,133
Village of Rycroft	Nil	Nil	Nil	572

Table No. 11 (Continued)

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
M.D. #135				
Rural (Fires occurring outside of towns, villages)	—	—	10,217	2,228
Vehicles	—	—	12,829	
Town of Grimshaw	111	3	39,222	1,446
Town of Peace River	—	—	51,184	3,924
Village of Berwyn	—	—	455	409
M.D. #136				
Rural (Fires occurring outside of towns, villages)	—	—	32,117	1,917
Vehicles	—	—	1,119	
Town of Fairview	205	Nil	1,478	1,877
SPECIAL AREA #2				
Rural (Fires occurring outside of towns, villages)	—	—	3,425	
Vehicles	—	—	17,328	
Town of Hanna	—	—	358	2,627
SPECIAL AREA #3				
Rural (Fires occurring outside of towns, villages)	—	—	15,805	—
Vehicles	—	—	3,375	
Village of Oyen	2	Nil	45	860
Village of Cereal	—	—	3,000	170
Village of Chinook	—	—	Nil	87
Village of Consort	Nil	Nil	Nil	567
Village of Veteran	Nil	Nil	300	239
Village of Youngstown	—	—	Nil	372
I.D. #8				
Rural (Fires occurring outside of towns, villages)	—	—	Nil	344
Vehicles	—	—	Nil	
Waterton National Park	—	—	8,916	—
I.D. #10				
Rural (Fires occurring outside of towns, villages)	—	—	15,803	1,924
Vehicles	—	—	1,249	
Town of Blairmore	180	—	13,507	1,980
Town of Coleman	106	121	4,846	1,713
Village of Bellevue	8	7	2,138	1,323
Village of Frank	Nil	Nil	Nil	223
I.D. #11				
Rural (Fires occurring outside of towns, villages)	—	—	32,120	4,228
Vehicles	—	—	714	
Town of Irvine	—	—	86	240

Table No. 11 (Continued)

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
I.D. #22				
Rural (Fires occurring outside of towns, villages)	—	—	25,659	553
Vehicles	—	—	867	
Town of Redcliff	14	—	56,125	2,247
I.D. #24				
Rural (Fires occurring outside of towns, villages)	—	—	136	—
Vehicles	—	—	Nil	
I.D. #27				
Rural (Fires occurring outside of towns, villages)	—	—	Nil	133
Vehicles	—	—	Nil	
I. D. #33				
Rural (Fires occurring outside of towns, villages)	—	—	Nil	34
Vehicles			Nil	
I.D. #42				
Rural (Fires occurring outside of towns, villages)	—	—	30,410	4,370
Vehicles	—	—	1,792	
City of Drumheller	325	Nil	55,675	3,443
Hamlet of East Coulee	—	—	1,349	—
I.D. #46				
Rural (Fires occurring outside of towns, villages)	—	—	4,134	1,709
Vehicles	—	—	3,750	
Hamlet of Canmore	—	—	776	1,367
Summer Village of Ghost Lake ..	—	—	Nil	Nil
I.D. #50				
Rural (Fires occurring outside of towns, villages)	—	—	Nil	41
Vehicles	—	—	Nil	
I.D. #51				
Rural (Fires occurring outside of towns, villages)	—	—	17	3,572
Vehicles	—	—	682	
Town of Banff	232	Nil	8,137	—
I.D. #58				
Rural (Fires occurring outside of towns, villages)	—	—	Nil	534
Vehicles	—	—	1,422	

Table No. 11 (Continued)

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
I.D. #65				
Rural (Fires occurring outside of towns, villages)	—	—	32,235	5,532
Vehicles	—	—	39,999	
Town of Rocky Mountain House ..	—	—	13,979	2,811
Village of Caroline	—	—	Nil	340
I.D. #68				
Rural (Fires occurring outside of towns, villages)	—	—	Nil	124
Vehicles	—	—	Nil	
I.D. #69				
Rural (Fires occurring outside of towns, villages)	—	—	Nil	128
Vehicles	—	—	Nil	
I.D. #77				
Rural (Fires occurring outside of towns, villages)	—	—	23,472	2,384
Vehicles	—	—	8,649	
Town of Drayton Valley	—	—	158	3,854
Town of Lodgepole	—	—	Nil	508
I.D. #78				
Rural (Fires occurring outside of towns, villages)	—	—	128,231	3,861
Vehicles	—	—	5,140	
Village of Evansburg	Nil	Nil	1,100	449
Village of Wildwood	—	—	28,136	420
I.D. #79				
Rural (Fires occurring outside of towns, villages)	—	—	38,257	667
Vehicles	—	—	Nil	
I.D. #80				
Rural (Fires occurring outside of towns, villages)	—	—	1,090	2,772
Vehicles	—	—	2,200	
Town of Jasper	—	—	1,169	—
I.D. #85				
Rural (Fires occurring outside of towns, villages)	—	—	Nil	338
Vehicles	—	—	Nil	
I.D. #95				
Rural (Fires occurring outside of towns, villages)	—	—	1,048	3,638
Vehicles	—	—	10,467	
Town of Edson	5	—	6,276	3,943
Town of Hinton	79	Nil	4,125	4,274

Table No. 11 (Continued)

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
I.D. #96				
Rural (Fires occurring outside of towns, villages)	—	—	5,000	539
Vehicles	—	—	6,662	
I.D. #97				
Rural (Fires occurring outside of towns, villages)	—	—	Nil	—
Vehicles	—	—	Nil	
I.D. #101				
Rural (Fires occurring outside of towns, villages)	—	—	96,653	1,951
Vehicles	—	—	1,063	
I.D. #102				
Rural (Fires occurring outside of towns, villages)	—	—	80,000	4,608
Vehicles	—	—	2,356	
Town of Lac La Biche	12	—	5,540	1,498
Village of Plamondon	—	—	Nil	211
I.D. #107				
Rural (Fires occurring outside of towns, villages)	—	—	13,852	1,853
Vehicles	—	—	4,397	
I.D. #108				
Rural (Fires occurring outside of towns, villages)	—	—	64	636
Vehicles	—	—	198	
Village of Fort Assiniboine	—	—	Nil	170
I.D. #109				
Rural (Fires occurring outside of towns, villages)	—	—	141,115	2,351
Vehicles	—	—	8,111	
Town of Whitecourt	55	Nil	55,522	2,462
I.D. #110				
Rural (Fires occurring outside of towns, villages)	—	—	5,590	443
Vehicles	—	—	3,887	
I.D. #111				
Rural (Fires occurring outside of towns, villages)	—	—	9,483	353
Vehicles	—	—	Nil	
I.D. #121				
Rural (Fires occurring outside of towns, villages)	—	—	Nil	323
Vehicles	—	—	Nil	

Table No. 11 (Continued)

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
I.D. #122				
Rural (Fires occurring outside of towns, villages)	—	—	846	331
Vehicles	—	—	30,000	
I.D. #123				
Rural (Fires occurring outside of towns, villages)	—	—	102,989	279
Vehicles	—	—	38,615	
Town of Swan Hills	369	Nil	5,471	1,843
I.D. #124				
Rural (Fires occurring outside of towns, villages)	—	—	27,935	3,108
Vehicles	—	—	42,061	
Town of Slave Lake	40	1	25,169	1,794
Village of Kinuso	—	—	138	472
I.D. #125				
Rural (Fires occurring outside of towns, villages)	—	—	36,707	3,212
Vehicles	—	—	5,772	
Town of High Prairie	Nil	Nil	7,597	2,410
I.D. #126				
Rural (Fires occurring outside of towns, villages)	—	—	4,385	2,579
Vehicles	—	—	10,709	
Town of Valleyview	—	—	1,877	2,052
I.D. #128				
Rural (Fires occurring outside of towns, villages)	—	—	9,247	943
Vehicles	—	—	Nil	
I.D. #129				
Rural (Fires occurring outside of towns, villages)	—	—	100	577
Vehicles	—	—	12,556	
I.D. #131				
Rural (Fires occurring outside of towns, villages)	—	—	2,359	2,403
Vehicles	—	—	43,174	
Village of Nampa	Nil	Nil	Nil	293
I.D. #132				
Rural (Fires occurring outside of towns, villages)	—	—	26,698	2,646
Vehicles	—	—	959	
Village of Wanham	12	—	6,328	280

Table No. 11 (Continued)

Place	No. of Buildings Inspected	No. of Orders Issued	Fire Loss	Population
I.D. #134				
Rural (Fires occurring outside of towns, villages)	—	—	11,437	2,505
Vehicles	—	—	9,741	
I.D. #138				
Rural (Fires occurring outside of towns, villages)	—	—	33,690	3,208
Vehicles	—	—	34,466	
Town of Manning	—	—	311	1,201
I.D. #139				
Rural (Fires occurring outside of towns, villages)	—	—	24,915	2,772
Vehicles	—	—	22,457	
Village of Hines Creek	—	—	Nil	455
I.D. #143				
Rural (Fires occurring outside of towns, villages)	—	—	467	1,650
Vehicles	—	—	145,880	
Town of Fort McMurray	—	—	2,976	2,515
I.D. #144				
Rural (Fires occurring outside of towns, villages)	—	—	Nil	212
Vehicles	—	—	1,192	
I.D. #145				
Rural (Fires occurring outside of towns, villages)	—	—	Nil	144
Vehicles	—	—	Nil	
I.D. #146				
Rural (Fires occurring outside of towns, villages)	—	—	86,638	648
Vehicles	—	—	91,705	
I.D. #147				
Rural (Fires occurring outside of towns, villages)	—	—	67,984	2,435
Vehicles	—	—	78,524	
I.D. #148				
Rural (Fires occurring outside of towns, villages)	—	—	Nil	86
Vehicles	—	—	Nil	
I.D. #149				
Rural (Fires occurring outside of towns, villages)	—	—	7,237	339
Vehicles	—	—	37,841	
TOTAL			<u>\$ 12,005,858</u>	

Table No. 12

FIRE INVESTIGATIONS

Fire investigations, reported to this office by federal, provincial and municipal law enforcement bodies as well as those conducted by Inspectors from this branch were as follows:

	1965*	1966
Investigations conducted by Inspectors of this branch	20	203
Investigations conducted by other law enforcement and fire protection agencies	21	210
TOTAL INVESTIGATIONS CONDUCTED	41	413
Conclusion of investigations as reported were as follows:	1965	1966
Arson	11	140
Suspected Arson	19	75
TOTAL INCENDIARY FIRES	30	215
Accidental causes	3	110
Unknown causes	3	46
Still under investigation	5	42
TOTAL INVESTIGATIONS	41	413
CHARGES LAID	1966 Adults	1966 Juveniles
Arson (Sec. 374 CC)	19	8
Conspiracy to commit arson (Sec. 408 CC)	2	—
Attempted arson (Sec. 406 CC)	6	—
	27	8
DISPOSITION OF CHARGES		
Convictions	7	8
Dismissed	5	—
Pending	5	—
Withdrawn	10	—
	27	8
PERSONS CHARGED		
Arson (Sec. 374 CC)	12	8
Conspiracy to commit arson (Sec. 408 CC)	1	—
Attempted Arson (Sec. 406 CC)	5	—
	18	8
COMMITTED TO MENTAL HOSPITAL		
Under Mental Diseases Act	2	
(No Arson charges laid)		
Juveniles Disciplined	61	
(No Arson charges laid)		
Court of inquiry held under Sec. 12 of the Fire Prevention Act	2	

* These fires occurred in 1965. Investigation was not concluded until 1966.

Table No. 13

FIRE COMMISSIONER'S OFFICE OPERATIONS

In addition to the recording of fire losses and other statistics, official actions of the Fire Commissioner and his staff include all work required for the administration of the Fire Prevention Act and the Lightning Rod Act. Also included in the report are investigations and details of enforcement assistance to the Superintendent of Insurance.

INSPECTIONS AND ORDERS ISSUED

Number of Cities, Towns and Villages visited and inspected	68
Number of Orders to Remedy Conditions (written)	76
Number of Orders to Remedy Conditions (written by fire chiefs) ..	9
Number of written recommendations	4,476
Number of buildings inspected	2,649

CHARACTER OF ORDERS ISSUED

Remove, destroy, alter or repair the building or structure	23
Alter the use or occupancy of the building, structure or place	16
Remove the combustibles or explosive material or remedy the inflammable conditions	32
Remove or take proper precautions against special fire hazards	4
Install or change the existing fire alarm system or fire extinguishing equipment to an approved type	2
Install and maintain suitable fire escapes and exits	8
TOTAL	85

TYPES OF BUILDINGS INSPECTED

Hospitals	92	Fuel Oil Warehouses	235
Schools	506	Nurseries and Institutions	145
Hotels	85	Mercantile Buildings	844
Government Buildings	43	Industrial Buildings	45
Old Folks Homes	68	Other Buildings	586

FIRE PREVENTION

MEETINGS

Year	Number	Film Showings	Attendance
1964	131	43	4,827
1965	136	81	6,044
1966	117	65	5,493

PLAN CHECKING

Bulk Warehouses	74	Hospitals	66
Schools and Dormitories	386	Kindergartens and Nurseries	15
Nursing and Old Folks Homes	32	Others	416

EVACUATION DRILLS AND DEMONSTRATIONS

Number of Evacuation Drills held	122
Number of Demonstrations of First-Aid Fire Fighting Equipment	9
Number of Demonstrations of Evacuation Procedures	37

Table No. 13 (Continued)

Visits to Fire Departments	401	Meetings held	75
Councils contacted	83	Presentation of Awards	6
Service Organizations contacted	—		
Total Entries:	1964 - 99	Total Awards:	1964 - 23
	1965 - 107		1965 - 24
	1966 - 86		1966 - 26

Canadian National Ranking

Community	Ranking
Calgary	3rd
Taber	15th
Carstairs	17th
Stony Plain	23rd

Canadian Municipal Division Ranking

Class	Community	Ranking
A	Calgary	Third
B	Lethbridge	Honorable Mention
D	St. Albert	Honorable Mention
	Wetaskiwin	Honorable Mention
E	Taber	First
F	Carstairs	First
	Stony Plain	Third
	Wabamun	Honorable Mention
	Bonnyville	Honorable Mention
	Claresholm	Honorable Mention

Canadian Municipal Division Rankings by Province

Class	Community	Ranking	Class	Community	Ranking
A	Calgary	First		Fort Sask-atchewan	Honorable Mention
B	Lethbridge	First		Leduc	Honorable Mention
C	Strathcona County	First		Fort Macleod	Honorable Mention
D	St. Albert	First	F	Carstairs	First
	Wetaskiwin	Second		Stony Plain	Second
	Camrose	Third		Wabamun	Third
E	Taber	First		Bonnyville	Honorable Mention
	Vegreville	Second		Claresholm	Honorable Mention
	Stettler	Third		Vulcan	Honorable Mention
	Westlock	Honorable Mention		Didsbury	Honorable Mention
	Hinton	Honorable Mention		Spirit River	Honorable Mention
	St. Paul	Honorable Mention		Sylvan Lake	Honorable Mention
	Lacombe	Honorable Mention		Swan Hills	Honorable Mention

FIRE DEPARTMENT

Fire Department Instruction	Number	Hours	Attend.
Fire Department drills held	97	1,001	1,186
Fire Department meetings attended	38	99	546
Fire Department instruction given	78	498	920
Fire Officers' Training Schools	6	264	126

Table No. 13 (Continued)

Written recommendations to towns and villages re:	
Fire protection equipment	36
Fire Departments inspected	213
Fire Department films shown	124

Fire Officers' Training Schools	Attendance
Attendance at Fire Officers' Training Schools this year	126
Total attendance to date	855
Fire Departments represented to date	174
Schools held to date — Part I	11
— Part II	12
— Part III	7
— Pump Schools	4
TOTAL	34

Firemen Competition

Place	No. of Teams	No. of Towns Represented
Vegreville	13	5
Lethbridge	24	15
Claresholm	12	5
Coleman	13	11
Red Deer	12	8
Sherwood Park	16	7

Assistance to Superintendent of Insurance

Real Estate Agents' Licensing Act		The Alberta Insurance Act	
Investigations	Prosecutions	Investigations	Prosecutions
1964	21	7	15
1965	57	5	27
1966	9	—	5

OTHER

Lightning Rod Act	Licenses Issued	Inspections	Prosecutions
1964	54	29	10
1965	47	391	1
1966	38	542	7

Inspectors' Mileage

Mileage by car	170,484
Mileage by train	380
Mileage by plane	14,300
TOTAL	185,164

FIRE COMMISSIONER'S OFFICE — SERVICES

The Provincial Secretary's Department maintains district offices of the Fire Commissioner's Branch, located at Calgary, Lethbridge and Grande Prairie. There is one resident Inspector at Lethbridge and at Grande Prairie and three inspectors and a male clerk stenographer at Calgary. The remaining staff, which includes the Fire Commissioner, Deputy Fire Commissioner, nine Inspectors and six clerical staff; plus a lightning rod inspector during summer months, are located at the Edmonton headquarters office, 412 Legislative Building. Fire inspection work is done by the Inspection Division and by local assistant Fire Chiefs. Investigations of suspicious fires are handled by an Investigation Division of four inspectors. The Fire Services Division has four inspectors who inspect fire departments, give technical advice on fire protection equipment plans and conduct fire fighting training schools. The Edmonton Office receives all special requests for investigations, inspections, special meetings and requests for fire department assistance. The Edmonton Office has a major program for plan checking of schools, hospitals and hotels and miscellaneous types of buildings. The office also renders assistance to fire chiefs in the program of regional fire department proficiency competitions and the department provides prizes and presents proficiency award shields. The Edmonton Office also arranges for all fire prevention work with other provincial and federal government departments.

A public fire prevention education program is conducted through meetings, film showings and special fire prevention drives, the major project being an Annual Fire Prevention Week campaign.

The Fire Commissioner's Office provides fire protection advice and assistance to cities, towns, villages, municipalities, counties and rural areas, also for industry and institutions, with the purpose of developing adequate fire department organizations and fire protection facilities.

The fire fighting training work which is continually growing more extensive, is two-fold. First, assistance is given to fire chiefs in their communities; regular fire department meetings are attended whenever possible and fire fighting instruction is given by the Fire Commissioner's Inspectors to fire departments where fire chiefs request it. Secondly, the Alberta Fire Training School is operated during the spring and summer when facilities are available at the Vermilion Agricultural and Vocational College. There, specialized training is offered in fire inspections, fire department administration, fire department apparatus care and operation in fire pumper techniques.

The Fire Commissioner's role in Alberta Emergency Measures is to co-ordinate all municipal fire services during an emergency and to develop an effective provincial plan including sufficient trained firemen, both regular and auxiliary and enough fire apparatus and auxiliary equipment to form mobile fire columns and to provide for mutual aid.

Fire is a major threat to life and property whether it is confined to a small family dwelling or attains the proportions of a conflagration calling for full scale disaster control operations. All individuals can profit from life saving methods and fire prevention counsel disseminated by fire chiefs and the Fire Commissioner's Office. The services of this office, including technical information, fire inspections, fire investigations, and fire fighting training are all designed to reduce loss and suffering from fire and to work toward a fire protection conscious public in the province of Alberta.

